

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	6	((("6282419") or ("0117125") or ("1045608")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/03/22 11:34
L2	4	((("6282419") or ("wo117125") or ("1045608")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/03/22 11:34
L3	106	"455" and HPLMN	US-PGPUB; USPAT	OR	ON	2007/03/22 11:34
L4	85	"455".class. and HPLMN	US-PGPUB; USPAT	OR	ON	2007/03/22 11:34
L5	2	"455".class. and HPLMN and power near sav\$5	US-PGPUB; USPAT	OR	ON	2007/03/22 11:34
L6	1	((("6625451") or ("20040203745")).PN.	USPAT; USOCR	OR	OFF	2007/03/22 11:34
L7	12	((("6625451") or ("20040203745") or ("20040249915") or ("20020168976") or ("6584311") or ("20030087642") or ("6415148") or ("20020193112") or ("20030134637") or ("20040076130") or ("20050096046") or ("20040203728") or ("20040203728")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/22 11:34
L8	4	(US-20040110503-\$ or US-20040253952-\$ or US-20050096046-\$ or US-20040249915-\$ or US-20040203745-\$ or US-20040203728-\$ or US-20040076130-\$ or US-20030134637-\$ or US-20030087642-\$ or US-20020193112-\$ or US-20020168976-\$).did. or (US-6282419-\$ or US-6625451-\$ or US-6584311-\$ or US-6415148-\$). did. or (EP-1045608-\$).did.	US-PGPUB; USPAT; EPO	OR	ON	2007/03/22 11:34
L9	3778	"I16" and PLMN and MIN and ESN MSC and vLR and HLR	US-PGPUB; USPAT	OR	ON	2007/03/22 11:34
L10	0	"I16" and PLMN and MIN and ESN and MSC and vLR and HLR	US-PGPUB; USPAT	OR	ON	2007/03/22 11:34
L11	0	"I16" and PLMN and MIN and ESN and MSC and vLR and HLR	US-PGPUB; USPAT	OR	ON	2007/03/22 11:34

## EAST Search History

L12	1	"I16" and PLMN	US-PGPUB; USPAT	OR	ON	2007/03/22 11:34
L13	4	"I8" and PLMN	US-PGPUB; USPAT	OR	ON	2007/03/22 11:34
L14	1	L8 and PLMN	US-PGPUB; USPAT; EPO	OR	ON	2007/03/22 11:34
L15	3	("9927657").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/22 11:34
L16	2	("9923847").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/22 11:34
L17	2	("5805648").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/22 11:34
L18	22	ota same HLR same mobile	US-PGPUB; USPAT	OR	ON	2007/03/22 11:34
L19	0	ota same HLR same mobile and scan and PLMN	US-PGPUB; USPAT	OR	ON	2007/03/22 11:34
L20	2	ota same HLR and scan and PLMN	US-PGPUB; USPAT	OR	ON	2007/03/22 11:34
L21	584	HLR and MSC and partial vLR and scan and authen\$9	US-PGPUB; USPAT	OR	ON	2007/03/22 11:34
L22	584	HLR and MSC and partial vLR and scan and authen\$9	US-PGPUB; USPAT	OR	ON	2007/03/22 11:34
L23	410	HLR and MSC and partial vLR and scan and authen\$9 and PLMN	US-PGPUB; USPAT	OR	ON	2007/03/22 11:34
L24	354	HLR and MSC and partial vLR and scan and authen\$9 and PLMN and HPLMN	US-PGPUB; USPAT	OR	ON	2007/03/22 11:34
L25	341	HLR and MSC and partial vLR and scan and authen\$9 and PLMN and HPLMN and eperiod	US-PGPUB; USPAT	OR	ON	2007/03/22 11:34
L26	353	HLR and MSC and partial vLR and scan and authen\$9 and PLMN and HPLMN and period	US-PGPUB; USPAT	OR	ON	2007/03/22 11:34

## EAST Search History

L27	12	HLR and MSC and vLR and scan and authen\$9 and PLMN and HPLMN and period	US-PGPUB; USPAT	OR	ON	2007/03/22 11:34
L28	613	mobile same access same previous same partial vlr	US-PGPUB; USPAT	OR	ON	2007/03/22 11:34
L29	5018	mobile same access same previous same partial vlr	US-PGPUB; USPAT	OR	ON	2007/03/22 11:34
L30	21	mobile same access same previous same vlr	US-PGPUB; USPAT	OR	ON	2007/03/22 11:34
L31	2	("0117125").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/22 11:34
L32	2	("0117125").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/22 11:34
L33	0	("wo117125").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/22 11:34
L34	0	("wo117125A1").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/22 11:34
L35	2498	455/411	US-PGPUB; USPAT	OR	ON	2007/03/22 11:34
L36	3	455/411 and PLMN and HLR and vLR and OTA	US-PGPUB; USPAT	OR	ON	2007/03/22 11:34
L37	2166	455/434	US-PGPUB; USPAT	OR	ON	2007/03/22 11:34
L38	4	455/434 and PLMN and HLR and vLR and OTA	US-PGPUB; USPAT	OR	ON	2007/03/22 11:34
L39	0	455/4322.1	US-PGPUB; USPAT	OR	ON	2007/03/22 11:34
L40	1170	455/432.1	US-PGPUB; USPAT	OR	ON	2007/03/22 11:34
L41	9	455/432.1 and PLMN and HLR and vLR and OTA	US-PGPUB; USPAT	OR	ON	2007/03/22 11:34

## EAST Search History

L42	2150	455/419	US-PGPUB; USPAT	OR	ON	2007/03/22 11:34
L43	2	455/419 and PLMN and HLR and vLR and OTA	US-PGPUB; USPAT	OR	ON	2007/03/22 11:34
L44	2833	455/433	US-PGPUB; USPAT	OR	ON	2007/03/22 11:34
L45	7	455/433 and PLMN and HLR and vLR and OTA	US-PGPUB; USPAT	OR	ON	2007/03/22 11:34
L46	2314	455/432	US-PGPUB; USPAT	OR	ON	2007/03/22 11:34
L47	2	455/432 and PLMN and HLR and vLR and OTA	US-PGPUB; USPAT	OR	ON	2007/03/22 11:34
L48	1354	455/435.1	US-PGPUB; USPAT	OR	ON	2007/03/22 11:34
L49	3	455/435.1 and PLMN and HLR and vLR and OTA	US-PGPUB; USPAT	OR	ON	2007/03/22 11:34
L50	2498	455/411	US-PGPUB; USPAT	OR	ON	2007/03/22 11:34
L51	1	455/411 and MIN and ESN and MSC and VLR and HLR and HPLMN	US-PGPUB; USPAT	OR	ON	2007/03/22 11:34
L52	1	455/411 and MIN and ESN and MSC and VLR and HLR and HPLMN	US-PGPUB; USPAT	OR	ON	2007/03/22 11:34
L53	4	455/411 and MIN and MSC and VLR and HLR and HPLMN	US-PGPUB; USPAT	OR	ON	2007/03/22 11:34
L54	10	455/411 and MSC and VLR and HLR and HPLMN	US-PGPUB; USPAT	OR	ON	2007/03/22 11:34
L55	826	(455/411).CCLS.	USPAT; USOCR	OR	OFF	2007/03/22 11:34
L56	36	L55 and PLMN	US-PGPUB; USPAT	OR	ON	2007/03/22 11:34
L57	9	HLR same search same period	US-PGPUB; USPAT	OR	ON	2007/03/22 11:34
L58	1	HLR same set same scan same period	US-PGPUB; USPAT	OR	ON	2007/03/22 11:34
L59	5	HPLMN and PLMN and HLR same search	US-PGPUB; USPAT	OR	ON	2007/03/22 11:34
L60	1	HLR same variably same search same period	US-PGPUB; USPAT	OR	ON	2007/03/22 11:34
L61	125	HPLMN and PLMN and HLR	US-PGPUB; USPAT	OR	ON	2007/03/22 11:34
L62	2498	455/411	US-PGPUB; USPAT	OR	ON	2007/03/22 11:34
L63	30	L62 and HLR same search	US-PGPUB; USPAT	OR	ON	2007/03/22 11:34

## EAST Search History

L64	14	("5222123"   "5329578"   "5497412"   "5787347"   "5839067"   "5850604"   "5862481"   "5933490"   "5978681"   "6044265"   "6070080").PN. OR ("6438369").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/22 11:34
L65	26	roaming and scan and HLR same search	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/22 11:34
L66	0	roaming and scan and preferred and HLR same search	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/22 11:34
L67	1	HLR same rescan same timer	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/22 11:34
L68	48	HLR near search	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/22 11:34
L69	2	HLR same search near period	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/22 11:34
L70	0	roaming and scan and preferred and HLR same search	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/22 11:34
L71	1	HLR same scan same timer	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/22 11:34
S1	6	((("6282419") or ("0117125") or ("1045608")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/03/29 16:35
S2	4	((("6282419") or ("0117125") or ("1045608")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/09/28 15:06
S3	72	"455" and HPLMN	US-PGPUB; USPAT	OR	ON	2005/09/28 15:23
S4	61	"455".class. and HPLMN	US-PGPUB; USPAT	OR	ON	2005/09/28 15:23
S5	2	"455".class. and HPLMN and power near sav\$5	US-PGPUB; USPAT	OR	ON	2005/09/28 15:32
S6	1	((("6625451") or ("20040203745")).PN.	USPAT; USOCR	OR	OFF	2005/09/28 15:34

## EAST Search History

S7	12	((("6625451") or ("20040203745") or ("20040249915") or ("20020168976") or ("6584311") or ("20030087642") or ("6415148") or ("20020193112") or ("20030134637") or ("20040076130") or ("20050096046") or ("20040203728") or ("20040203728"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/28 15:36
S8	16	(US-20040110503-\$ or US-20040253952-\$ or US-20050096046-\$ or US-20040249915-\$ or US-20040203745-\$ or US-20040203728-\$ or US-20040076130-\$ or US-20030134637-\$ or US-20030087642-\$ or US-20020193112-\$ or US-20020168976-\$).did. or (US-6282419-\$ or US-6625451-\$ or US-6584311-\$ or US-6415148-\$). did. or (EP-1045608-\$).did.	US-PGPUB; USPAT; EPO	OR	ON	2005/09/28 16:23
S9	2796	"I16" and PLMN and MIN and ESN MSC and vLR and HLR	US-PGPUB; USPAT	OR	ON	2005/09/28 15:40
S10	0	"I16" and PLMN and MIN and ESN and MSC and vLR and HLR	US-PGPUB; USPAT	OR	ON	2005/09/28 15:40
S11	0	"I16" and PLMN and MIN and ESN and MSC and vLR and HLR	US-PGPUB; USPAT	OR	ON	2005/09/28 15:40
S12	0	"I16" and PLMN	US-PGPUB; USPAT	OR	ON	2005/09/28 15:40
S13	4	"I8" and PLMN	US-PGPUB; USPAT	OR	ON	2005/09/28 15:40
S14	6	S8 and PLMN	US-PGPUB; USPAT; EPO	OR	ON	2005/09/28 16:23
S15	3	("9927657").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/30 15:34
S16	2	("9923847").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/30 15:37

## EAST Search History

S17	2	("5805648").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/30 15:38
S18	9	ota same HLR same mobile	US-PGPUB; USPAT	OR	ON	2005/09/30 17:03
S19	0	ota same HLR same mobile and scan and PLMN	US-PGPUB; USPAT	OR	ON	2005/09/30 17:04
S20	1	ota same HLR and scan and PLMN	US-PGPUB; USPAT	OR	ON	2005/09/30 18:23
S21	424	HLR and MSC and partial vLR and scan and authen\$9	US-PGPUB; USPAT	OR	ON	2005/09/30 18:24
S22	424	HLR and MSC and partial vLR and scan and authen\$9	US-PGPUB; USPAT	OR	ON	2005/09/30 18:24
S23	295	HLR and MSC and partial vLR and scan and authen\$9 and PLMN	US-PGPUB; USPAT	OR	ON	2005/09/30 18:25
S24	268	HLR and MSC and partial vLR and scan and authen\$9 and PLMN and HPLMN	US-PGPUB; USPAT	OR	ON	2005/09/30 18:25
S25	262	HLR and MSC and partial vLR and scan and authen\$9 and PLMN and HPLMN and eperiod	US-PGPUB; USPAT	OR	ON	2005/09/30 18:25
S26	267	HLR and MSC and partial vLR and scan and authen\$9 and PLMN and HPLMN and period	US-PGPUB; USPAT	OR	ON	2005/09/30 18:25
S27	5	HLR and MSC and vLR and scan and authen\$9 and PLMN and HPLMN and period	US-PGPUB; USPAT	OR	ON	2005/09/30 18:45
S28	512	mobile same access same previous same partial vlr	US-PGPUB; USPAT	OR	ON	2005/09/30 18:45
S29	3728	mobile same access same previous same partial vlr	US-PGPUB; USPAT	OR	ON	2005/09/30 18:45
S30	18	mobile same access same previous same vlr	US-PGPUB; USPAT	OR	ON	2005/09/30 18:45
S31	2	("0117125").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/01 11:02

## EAST Search History

S32	2	("0117125").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/01 11:02
S33	0	("wo117125").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/01 11:02
S34	0	("wo117125A1").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/01 11:03
S35	1674	455/411	US-PGPUB; USPAT	OR	ON	2005/10/01 11:16
S36	2	455/411 and PLMN and HLR and vLR and OTA	US-PGPUB; USPAT	OR	ON	2005/10/01 11:18
S37	1643	455/434	US-PGPUB; USPAT	OR	ON	2005/10/01 11:18
S38	2	455/434 and PLMN and HLR and vLR and OTA	US-PGPUB; USPAT	OR	ON	2005/10/01 11:18
S39	0	455/4322.1	US-PGPUB; USPAT	OR	ON	2005/10/01 11:18
S40	522	455/432.1	US-PGPUB; USPAT	OR	ON	2005/10/01 11:18
S41	2	455/432.1 and PLMN and HLR and vLR and OTA	US-PGPUB; USPAT	OR	ON	2005/10/01 11:18
S42	1409	455/419	US-PGPUB; USPAT	OR	ON	2005/10/01 11:18
S43	1	455/419 and PLMN and HLR and vLR and OTA	US-PGPUB; USPAT	OR	ON	2005/10/01 11:19
S44	2118	455/433	US-PGPUB; USPAT	OR	ON	2005/10/01 11:19
S45	1	455/433 and PLMN and HLR and vLR and OTA	US-PGPUB; USPAT	OR	ON	2005/10/01 11:19
S46	2024	455/432	US-PGPUB; USPAT	OR	ON	2005/10/01 11:19
S47	2	455/432 and PLMN and HLR and vLR and OTA	US-PGPUB; USPAT	OR	ON	2005/10/01 11:19
S48	624	455/435.1	US-PGPUB; USPAT	OR	ON	2005/10/01 11:19



## EAST Search History

S49	1	455/435.1 and PLMN and HLR and VLR and OTA	US-PGPUB; USPAT	OR	ON	2005/10/01 11:19
S50	1903	455/411	US-PGPUB; USPAT	OR	ON	2006/03/29 16:35
S51	1	455/411 and MIN and ESN and MSC and VLR and HLR and HPLMN	US-PGPUB; USPAT	OR	ON	2006/03/29 16:36
S52	1	455/411 and MIN and ESN and MSC and VLR and HLR and HPLMN	US-PGPUB; USPAT	OR	ON	2006/03/29 16:36
S53	2	455/411 and MIN and MSC and VLR and HLR and HPLMN	US-PGPUB; USPAT	OR	ON	2006/03/29 16:51
S54	6	455/411 and MSC and VLR and HLR and HPLMN	US-PGPUB; USPAT	OR	ON	2006/03/29 16:51
S55	776	(455/411).CCLS.	USPAT; USOCR	OR	OFF	2006/11/10 16:22
S56	34	S55 and PLMN	US-PGPUB; USPAT	OR	ON	2006/11/10 16:22
S57	1	HLR same set same scan same period	US-PGPUB; USPAT	OR	ON	2007/03/20 18:48
S58	1	HLR same variably same search same period	US-PGPUB; USPAT	OR	ON	2007/03/20 18:49
S59	9	HLR same search same period	US-PGPUB; USPAT	OR	ON	2007/03/20 18:57
S60	125	HPLMN and PLMN and HLR	US-PGPUB; USPAT	OR	ON	2007/03/20 18:57
S61	5	HPLMN and PLMN and HLR same search	US-PGPUB; USPAT	OR	ON	2007/03/20 19:01
S62	2497	455/411	US-PGPUB; USPAT	OR	ON	2007/03/20 19:01
S63	30	S62 and HLR same search	US-PGPUB; USPAT	OR	ON	2007/03/20 19:01
S64	14	("5222123"   "5329578"   "5497412"   "5787347"   "5839067"   "5850604"   "5862481"   "5933490"   "5978681"   "6044265"   "6070080").PN. OR ("6438369").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/20 19:54
S65	0	roaming and scan and preferred and HLR same search	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/20 19:54
S66	0	roaming and scan and preferred and HLR same search	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/20 19:54
S67	26	roaming and scan and HLR same search	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/20 20:03

## EAST Search History

S68	1	HLR same rescan same timer	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/20 20:03
S69	1	HLR same scan same timer	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/20 20:05
S70	2	HLR same search near period	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/20 20:17
S71	47	HLR near search	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/21 09:20